

## Claims

What is claimed is:

1. A method for creating a media enhancement file comprising:
  - establishing a set of rules describing at least one constraint for each of at least two display platforms;
  - employing said set of rules to define options in an authoring program;
  - employing said authoring program to perform an authoring action; and
  - saving a media enhancement file.
2. The method of claim 1 further comprising:
  - a post processing program operable to apply a post processing set of rules to said enhancement file.
3. The method of claim 1 wherein said set of rules further comprises:
  - a text file.
4. The method of claim 1 wherein said set of rules further comprises:
  - an XML compliant file.
5. The method of claim 1 further comprising:
  - creating a set of platform rules that may be downloaded to a display platform.
6. The method of claim 5 further comprising:
  - transferring said set of platform rules to a display platform.
7. The method of claim 1 further comprising:
  - checking if a rule exists for said authoring action;
8. The method of claim 7 further comprising:

performing a step associated with said rule for said authoring action if said rule exists; and

9. The method of claim 8 wherein said step of performing a step comprises:  
checking the size of a graphic element.

10. The method of claim 8 wherein said step of performing a step comprises:  
checking the format of a graphic element.

11. The method of claim 8 wherein said step of performing a step comprises:  
checking the color of a displayable element.

12. A set of rules for a display platform comprising:  
a set of allowable font sizes;  
a set of fonts;  
a set of colors; and  
a comment that may be displayed if a value is selected by an authoring  
program wherein said value is not in agreement with values contained in said set  
of rules.

13. A system for authoring media enhancements comprising:  
a computer;  
an enhancement authoring program;  
a rules set; and  
a program operable to constrain an editing option in said enhancement  
authoring program to reflect a limitation in said rules set.

14. The system of claim 13 further comprising:  
a program operable to check if a rule exists for an action performed  
utilizing said authoring program and to execute a step associated with said rule if  
said rule exists.

15. A media enhancement file created though the steps of:

establishing a set of rules describing at least one constraint for each of at least two display platforms.

employing said set of rules to define options in an authoring program;

5 employing said authoring program to perform an authoring action; and

saving a media enhancement file.

16. The media enhancement file of claim 15 further comprising the step of:

checking if a rule exists for said authoring action.

17. The media enhancement file of claim 16 further comprising the step of:

performing a step associated with said rule for said authoring action if said rule exists.